

Date: Monday, 6/5/2006 7:41:03 AM
 User: Kim Johnston

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services Drawing Name : DOUBLER ASSEMBLY
 Job Number : 27341-2
 Estimate Number : 12368
 P.O. Number : N/A Part Number : D314010
 This Issue : 6/5/2006 S.O. No. : N/A Drawing Number : D3140
 Prsht Rev. : NC Project Number : N/A
 First Issue : N/A Type : SMALL /MED FAB Drawing Revision : D1
 Previous Run : N/A Material : N/A
 Due Date : 6/30/2006 Qty: 2 Um: Each
 Written By : See comment below
 Checked & Approved By : 06.06.05
 Comment : Est. A 06.04.19 New Issue KJ

Additional Product

Job Number:



Seq. #: Machine Or Operation: Description :

1.0 D314085 Angle



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

Angle

Batch

~~027375~~ B27375-2

06.07.07
 06.06.09

2.0 D314089 Doubler



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

Doubler

Batch

B27376

06.07.07

3.0 MS20426AD34 RIVET



Comment: Qty.: 5.0000 Each(s)/Unit Total : 10.0000 Each(s)

RIVET

Batch

1719099

FF 06.07.07 2

4.0 SMALL FAB 1 SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

Assemble as per Dwg D3140

FF 06.07.07 2

5.0 QC5 INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

SB 06/07/07 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Design Mgr	Approval QC Inspector
			Initial Design Mgr	Action Description Design Mgr	Sign & Date			

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: *LD* Date: 06/07/10

NOTE: Date & initial all entries

QA: N/C Closed: _____ Date: _____

Date: Monday, 6/5/2006 7:41:03 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: DOUBLER ASSEMBLY

Job Number: 27341

Part Number: D314010

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:

C 207107100 (2)

7.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Inspection Level 21

D 06107110 (2)

Job Completion



U 060707

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Design Mgr	Approval QC Inspector
			Initial Design Mgr	Action Description Design Mgr	Sign & Date			

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

NOTE: Date & initial all entries

QA: N/C Closed: _____ Date: _____



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DATE 05.11.23		TITLE DOOR	SCALE NTS
A	02.04.18	NEW ISSUE	
B	03.01.23	REMOVE -65/-81/-83; ADD -301/-303	
C	04.11.08	CHANGE DELASTEK SPEC. TEC-77; ADD PART MARKING; ADD NOTES 11, 12, 13; CHANGE ANGLE -95/-97/-98 TO 106°	
D	05.11.23	ADD -103/-104/-105/-106; REMOVE -67	
DI	06.03.31	1.75 WAS 1.88; 4.75 WAS 4.13	

RELEASED
05.12.01 *[Signature]*

QTY -05	QTY -06	QTY -07	QTY -08	QTY -09	QTY -10	PART NUMBER	DESCRIPTION
X						D3140-05	DOOR
	X					D3140-06	DOOR
		X				D3140-07	DOOR
			X			D3140-08	DOOR
		1		X		D3140-09	DOUBLER ASSEMBLY
			1		X	D3140-10	DOUBLER ASSEMBLY
3	3					D3140-57	PAD
1	1					D3140-59	PAD
2	2					D3140-61	PAD
2	2					D3140-63	PAD
		1	1			D3140-69	PAD
		1	1			D3140-71	PAD
		1	1			D3140-73	PAD
		1	1			D3140-75	PAD
		1	1			D3140-77	PAD
		1	1			D3140-79	PAD
				1	1	D3140-85	ANGLE
1	1					D3140-87	DOUBLER
				1	1	D3140-89	DOUBLER
		1				D3140-91	DOUBLER
			1			D3140-92	DOUBLER
3	3					D3140-95	DOUBLER
1						D3140-97	DOUBLER
	1					D3140-98	DOUBLER
		1	1			D3140-99	DOUBLER
		2	2			D3140-101	DOUBLER
		1				D3140-103	DOUBLER
			1			D3140-104	DOUBLER
		1				D3140-105	DOUBLER
			1			D3140-106	DOUBLER
1	1					D3140-241	DOUBLER
1		1				D3140-301	DOUBLER
	1		1			D3140-303	DOUBLER
				5	5	MS20426AD3-4	RIVET

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DATE 05.11.23		TITLE DOOR	SCALE NTS

1

COMPOSITE LAYUP & BONDING I.A.W. DELASTEK PROCESS SPEC. TEC-77
MATERIAL STORAGE & HANDLING TO BE I.A.W. DART QSI 006
MAIN LAYUP USES FIBERCOTE E-761/7781 EPOXY FIBERGLASS.
FILL WITH EPOCAST 87269 OR MAGNOBOND 77 A & B AND MA560 FOAM/ NB-51/30 FOAM

2

FINISH: DUPONT HIGHBUILD GREY PRIMER 1144-S

3

MAKE PARTS IN ACCORDANCE WITH THE FOLLOWING TOOLS/MOLDS:

PART	TOOL
D3140-05	B30-23000-01T
D3140-06	B30-23000-02T
D3140-07	B30-23000-03T
D3140-08	B30-23000-04T
D3140-57	B30-23000-57T
D3140-61	B30-23000-61T
D3140-63	B30-23000-63T
D3140-69	B30-23000-69T
D3140-71	B30-23000-71T
D3140-73	B30-23000-73T
D3140-75	B30-23000-75T
D3140-77	B30-23000-77T
D3140-79	B30-23000-79T
D3140-89	D3140-89T1
D3140-301	D3140-301T1
D3140-303	D3140-303T1

RELEASED
05.12.01

4

MATERIAL: 2024-T3 (QQ-A-250/4) 0.032 THICK (M2024T3S.032)
FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1

5

MATERIAL: 2024-T3 (QQ-A-250/4) 0.020 THICK (M2024T3S.020)
FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1

6

MATERIAL: 5052-H32/H34 (QQ-A-250/8) 0.040 THICK (M5052H32S.040)
FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1

7

MATERIAL: POLIMEX TR75 1" THICK 4.5 LB KLEGECELL

8

ALL DIMENSIONS IN INCHES

9

TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

10

MATERIAL: 6061-T6 (QQ-A-250/11) 0.063 THICK (M6061-T6S.063)
FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1

11

DOUBLER TO SIT ON TOP OF FOAM AT THIS LOCATION

12

DOUBLER TO BE RECESSED FLUSH INTO FOAM AT THIS LOCATION

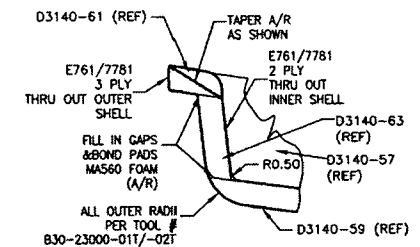
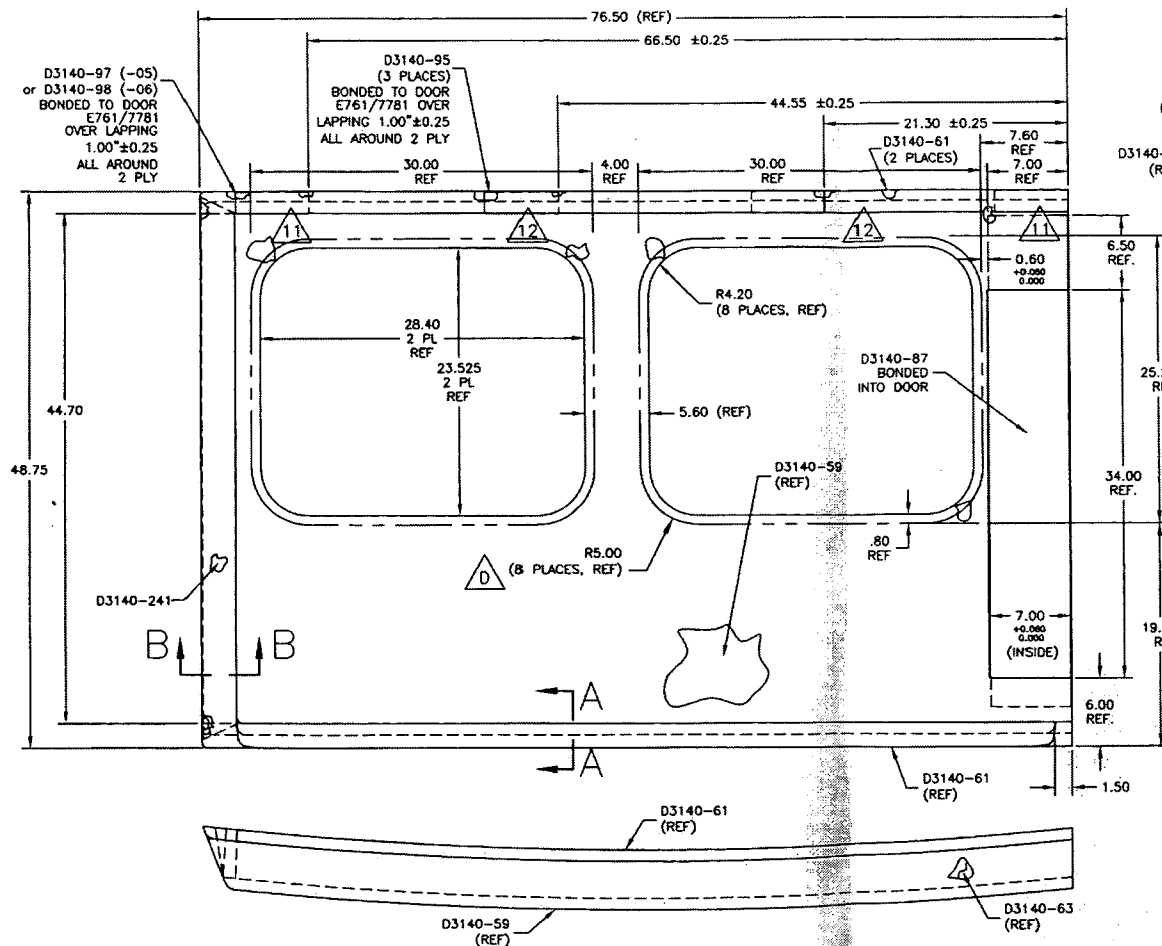
13

RUBBER STAMP WITH DART P/N D3140-05/-06/-07/-08 USING MIL-STD-130

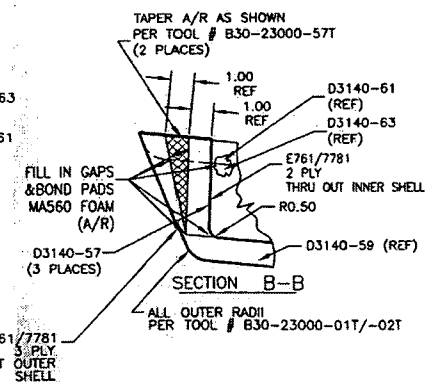
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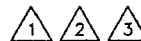
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05.11.23



D3140-05 DOOR (SHOWN, REPLACES PREMIER P/N B30-23000-05)
D3140-06 DOOR (OPPOSITE, REPLACES PREMIER P/N B30-23000-06)
(WINDOWS & CUTOUTS TO BE LOCATED PER B30-23000-01T/-02T TOOL)

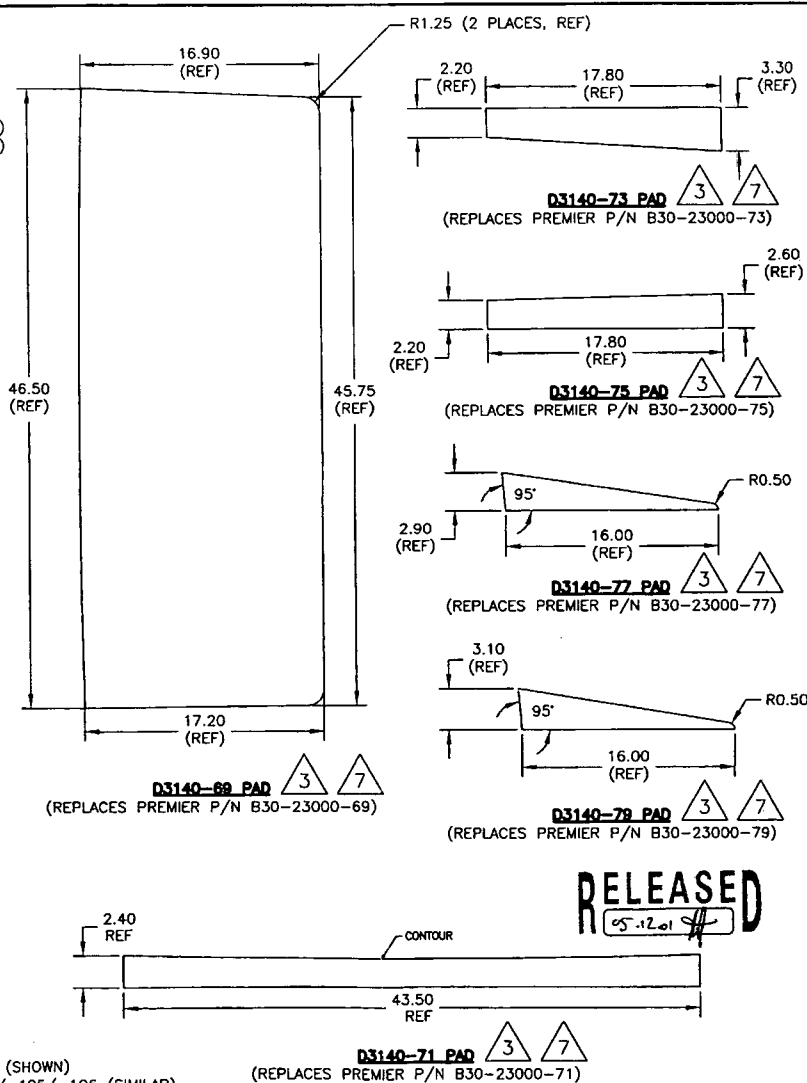
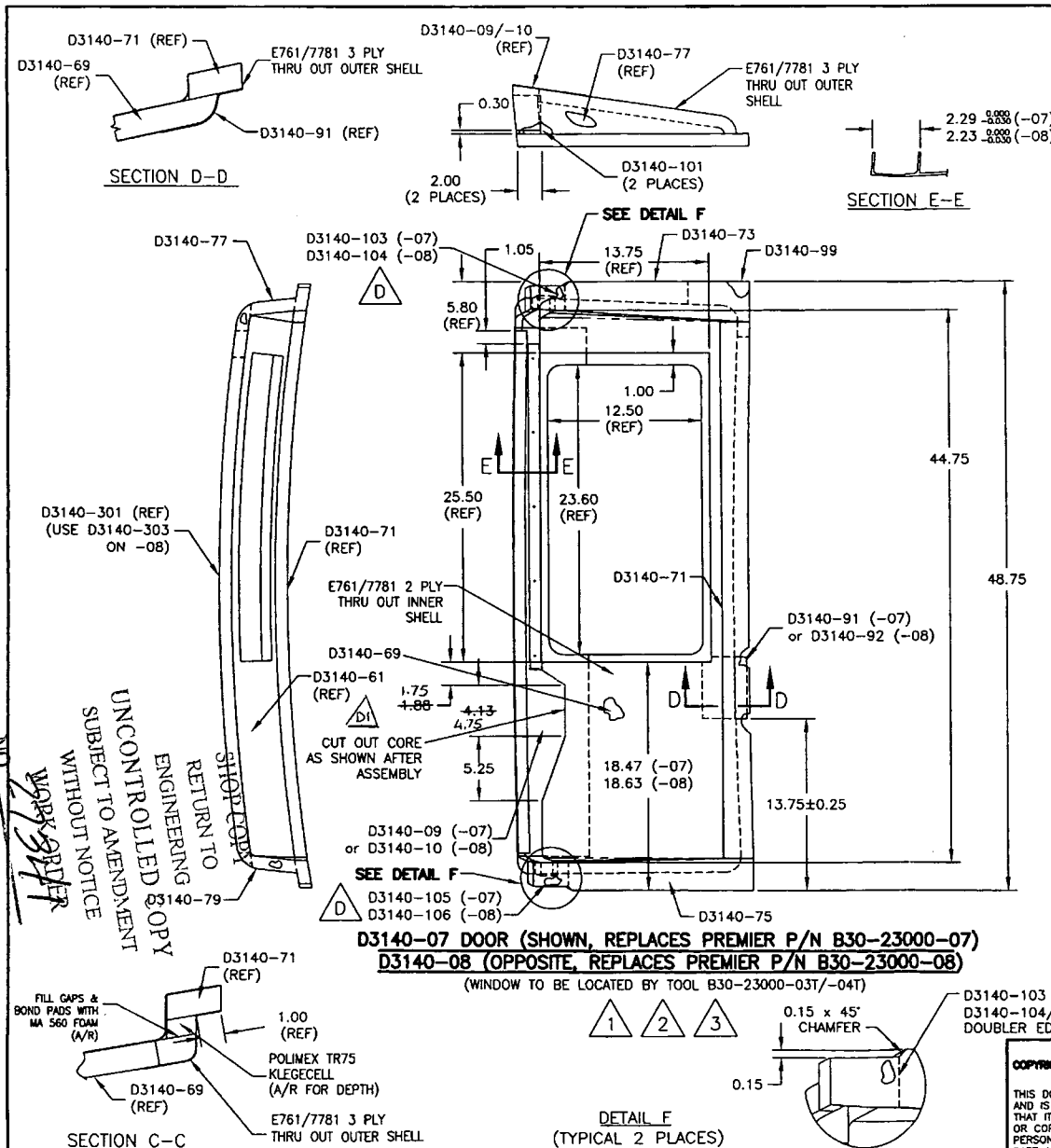


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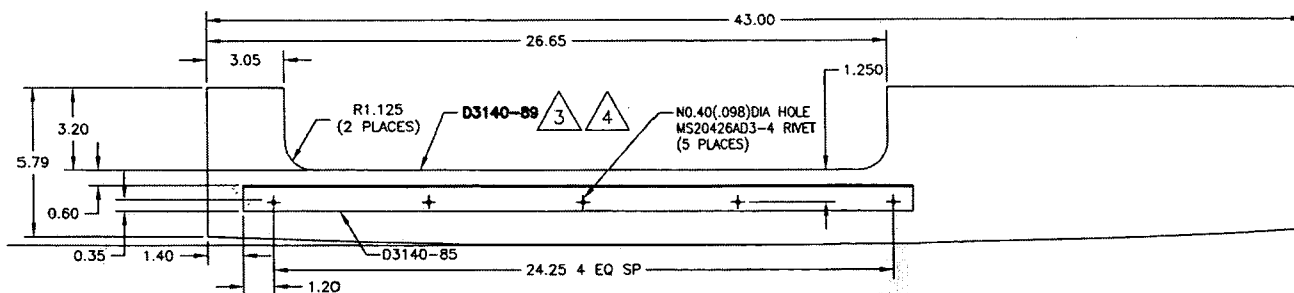
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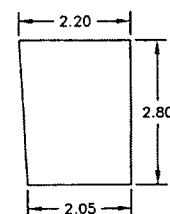
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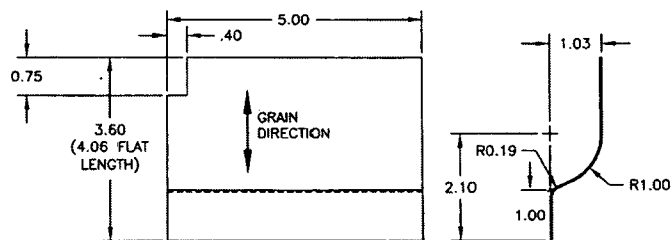
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D3140-10 DOUBLER ASSEMBLY (SHOWN, REPLACES PREMIER P/N B30-23000-10)
D3140-09 DOUBLER ASSEMBLY (OPPOSITE, REPLACES PREMIER P/N B30-23000-09)

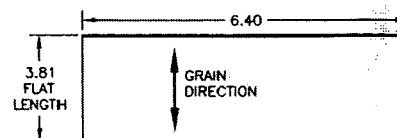


D3140-101 DOUBLER (4)
 (REPLACES PREMIER P/N B30-23000-101)

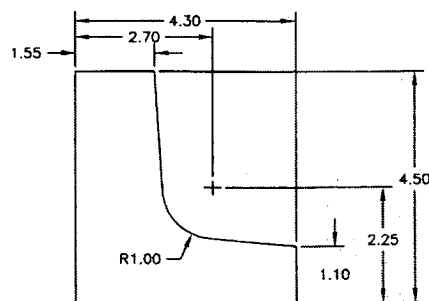
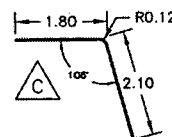


D3140-91F FLAT PATTERN
 (USE TO MAKE D3140-91/-92 DOUBLERS)

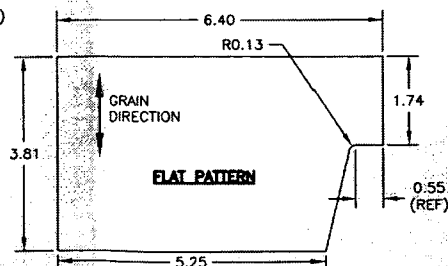
D3140-91 DOUBLER (4)
 (SHOWN, REPLACES PREMIER P/N B30-23000-91)
D3140-92 DOUBLER
 (OPPOSITE, REPLACES PREMIER P/N B30-23000-92)



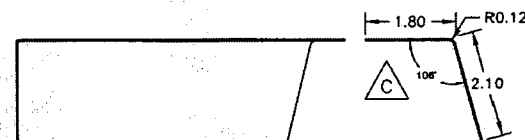
D3140-95 DOUBLER (4)
 (REPLACES PREMIER P/N B30-23000-95)



D3140-98 DOUBLER (4)
 (REPLACES PREMIER P/N B30-23000-99)



D3140-97F FLAT PATTERN
 (USE TO MAKE D3140-97/-98 DOUBLERS)



D3140-97 DOUBLER (4)
 (SHOWN, REPLACES PREMIER P/N B30-23000-97)
D3140-98 DOUBLER
 (OPPOSITE, REPLACES PREMIER P/N B30-23000-98)

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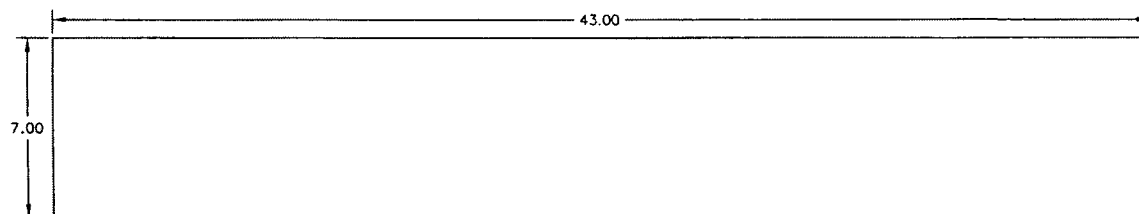
BEND DETAIL

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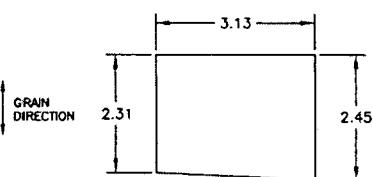
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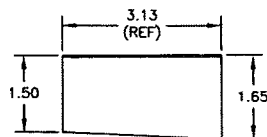
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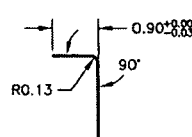
D3140-87 DOUBLER $\triangle 4$
(REPLACES PREMIER P/N B30-23000-87)



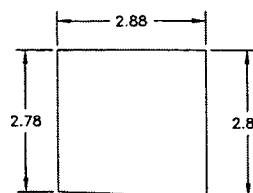
D3140-105F FLAT PATTERN
(USED TO MAKE D3140-105/-106 BRACKETS)



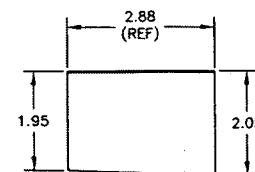
D3140-105 DOUBLER $\triangle 4$ $\triangle D$
D3140-106 OPPOSITE



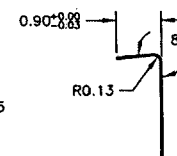
GRAIN DIRECTION



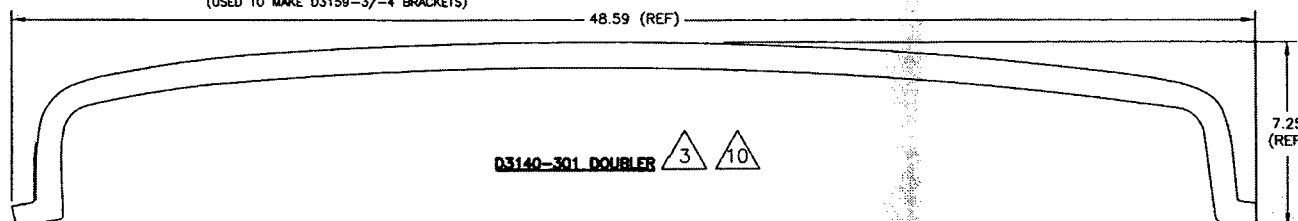
D3140-103F FLAT PATTERN
(USED TO MAKE D3140-103/-104 BRACKETS)



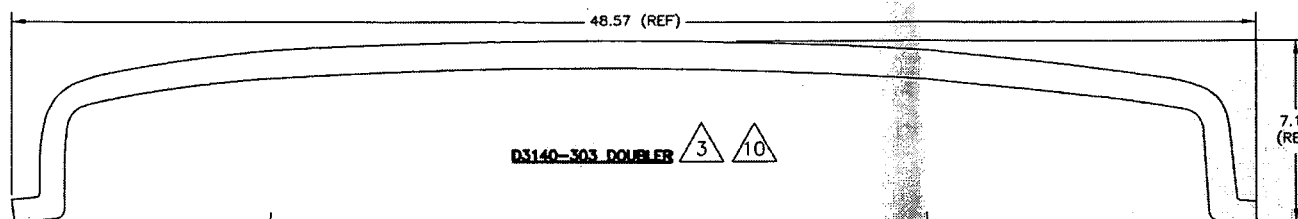
D3140-103 DOUBLER $\triangle 4$ $\triangle D$
D3140-104 OPPOSITE



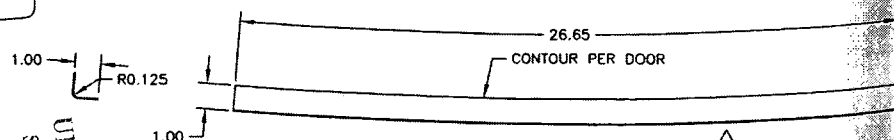
D3159-3F FLAT PATTERN
(USED TO MAKE D3159-3/-4 BRACKETS)



D3140-301 DOUBLER $\triangle 3$ $\triangle 10$



D3140-303 DOUBLER $\triangle 3$ $\triangle 10$



D3140-85 ANGLE $\triangle 6$
FLAT PATTERN: 26.65" x 1.90"
(REPLACES PREMIER P/N B30-23000-85)

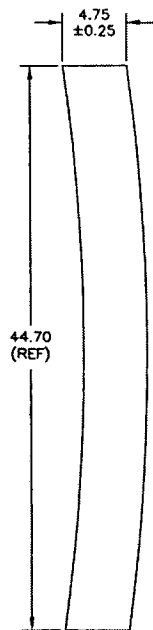
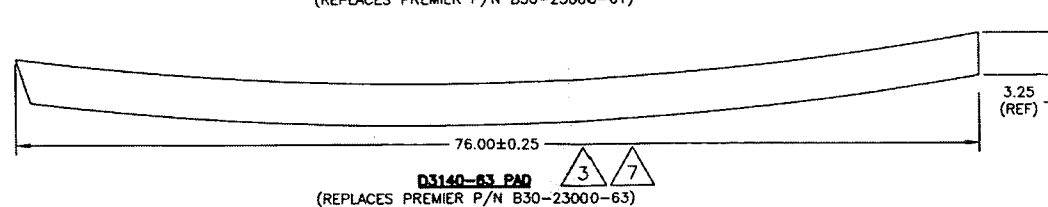
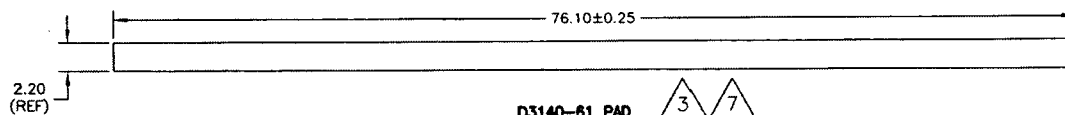
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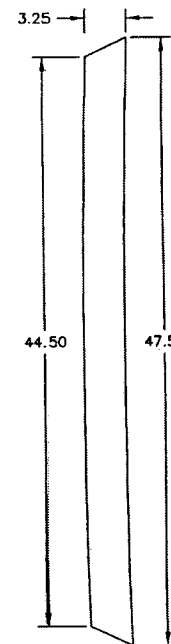
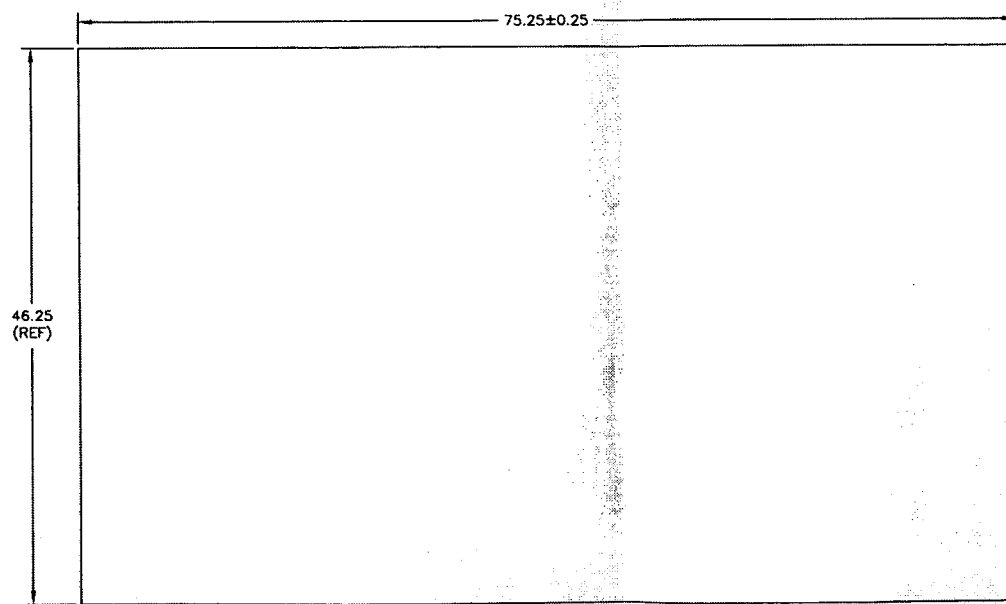
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DATE 05.11.23		TITLE DOOR	SHEET 6 OF 7 SCALE NTS



D3140-57 PAD
(REPLACES PREMIER P/N B30-23000-57)



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(2 PLACES, REF)

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